USER'S MANUAL
Part 2

2.4 GHz Two-Line Cordless Speakerphone 1412 with Caller ID/Call Waiting on Handset

For Customer Service Or Product Information, Visit Our Website At www.telephones.att.com

Please also read
Part 1 — Important Product Information

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Printed in China. Issue 1AT&T 12/02

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BEFORE YOU BEGIN

Parts List

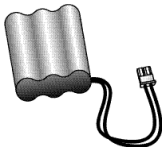
Your box should include:

This User's Manual

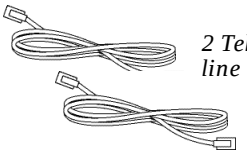
Quick Start Guide

Base unit

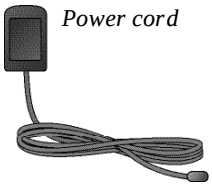
Handset



NiCd battery pack



2 Telephone line cords



Power cord

About Caller Identification (Caller ID)

This product has a Caller ID with Call Waiting feature that works with service from your local phone service provider.

Caller ID with Call Waiting lets you see who's calling before you answer the phone, even when you're on another call.

You may need to change your phone service to use this feature. Contact your phone service provider if:

- You have both Caller ID and Call Waiting, but as separate services (you may need combined service)
- You have only Caller ID service, or only Call Waiting service
- You don't subscribe to any Caller ID or Call Waiting services.

You can use this product with regular Caller ID service, and you can use this product's other features without subscribing to either Caller ID or combined Caller ID with Call Waiting service.

There are fees for Caller ID services, and they may not be available in all areas.

This product can provide information only if both you and the caller are in areas offering Caller ID service, and if both telephone companies use compatible equipment.

About Call History

This phone assigns each incoming call a number from 1 to 90. The most recent call will have the highest number. Calls from both lines are stored together. When the memory is full, the oldest call information is deleted to make room for new incoming call information. See CALLER ID OPERATION, beginning on page 44, for more details.

INSTALLATION

Before You Install

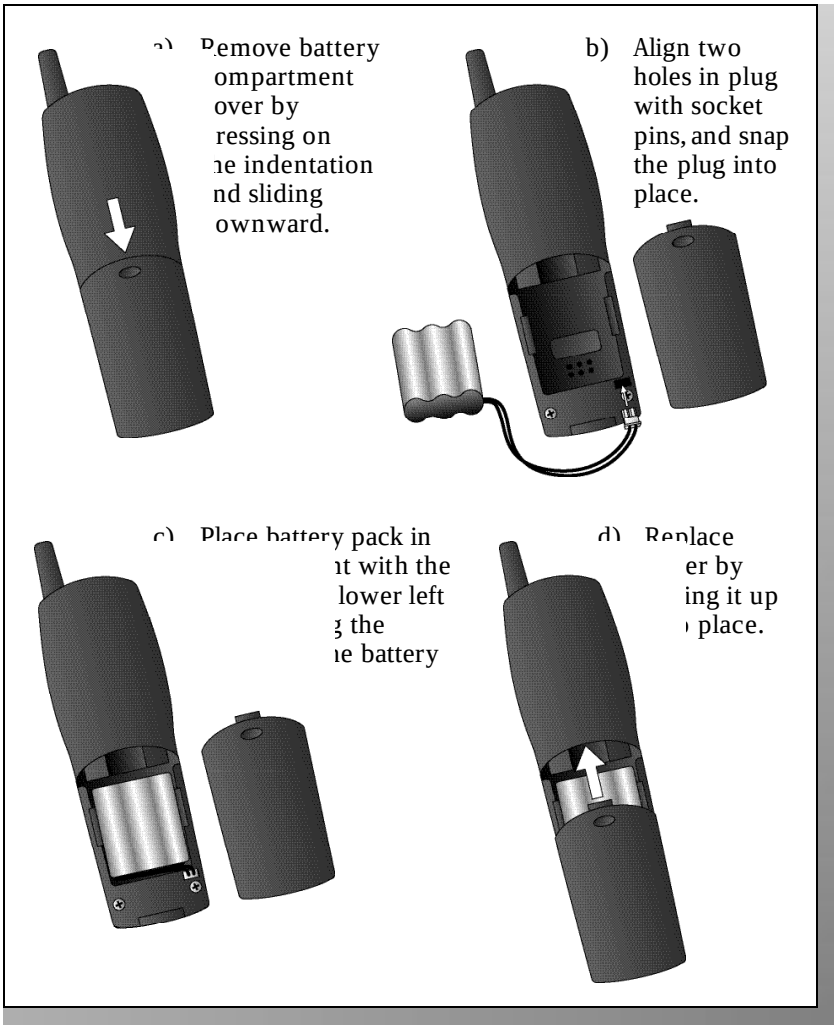
1 Choose a location for the base near an electrical outlet and a telephone jack.

This phone requires a modular telephone jack and a standard electrical outlet (110v AC) not controlled by a wall switch.

NOTE: Install the base unit away from electronic equipment, such as personal computers, television sets or microwave ovens. Avoid excessive heat, cold, dust or moisture.

2 Install the handset battery.

Use only AT&T Battery 3301:SKU #91076.



INSTALLATION

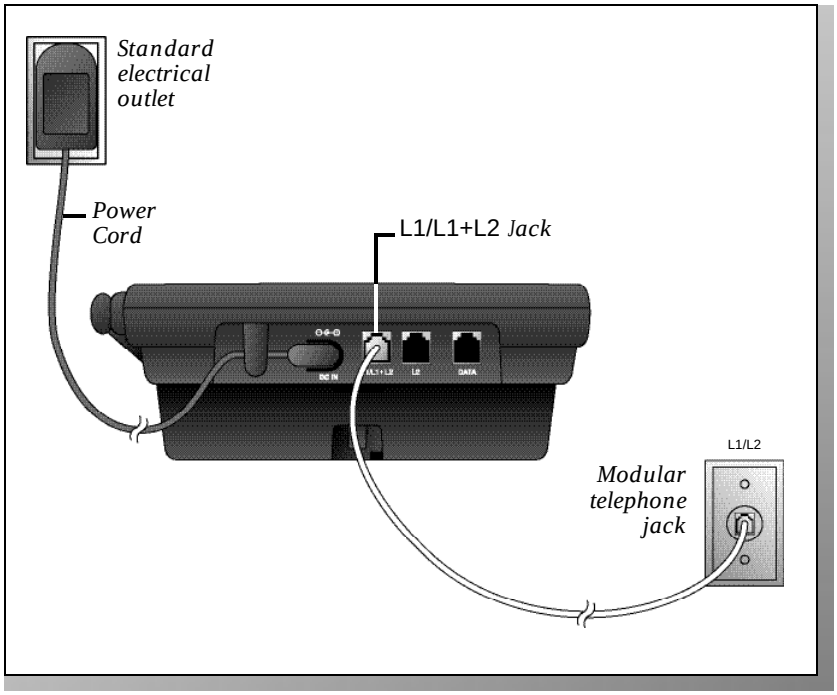
Table/Desk Installation

1 Connect the power cord.

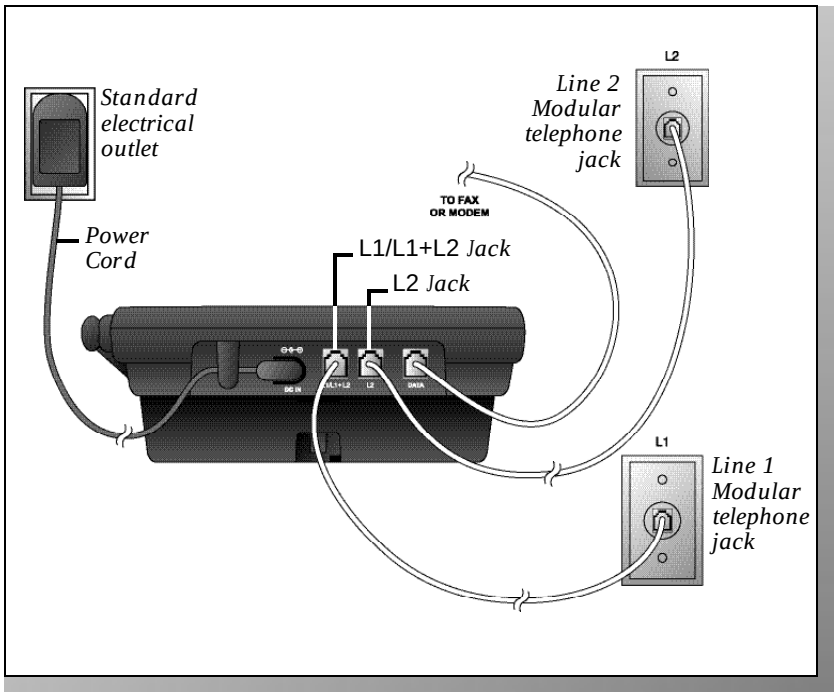
Use only the power cord supplied with this product. If you need a replacement,call 1 800 222–3111.

2 Connect the telephone line cord(s).

If you have a two-line jack, use only the four-wire (RJ-14) line cord. Connect the line cord from the wall jack to the jack labeled **L1/L1+L2** on the base. Make sure the plugs snap firmly into place.



If you have two separate jacks, use both long line cords. Connect a line cord from the wall jack you wish to designate as your Line 1 to the jack labeled **L1/L1+L2** on the back of the base. Connect the other line cord from the remaining wall jack to the jack labeled **L2** on the back of the base. Make sure the plugs snap firmly into place.



3 Charge the handset battery.

Place the handset in the base. Charge the battery overnight the first time. After the first charge,the battery typically charges in eight hours.

4 Check for dial tone.

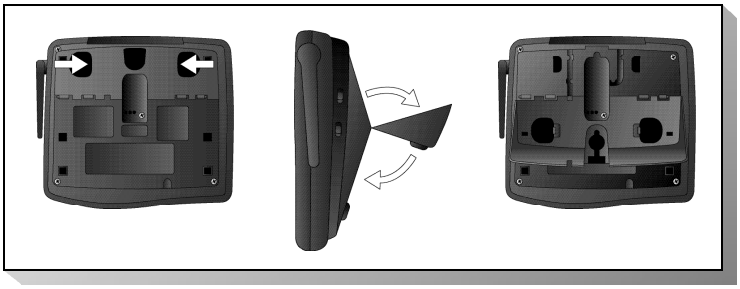
After the batteries are charged,pick up the handset,press LINE 1 LINE 2 and listen for a dial tone. Then press LINE 1 LINE 2. If you don't hear a dial tone,see IN CASE OF DIFFICULTY starting on page 52.

5 Turn base ringers on or off.

Use the L1 RINGER and L2 RINGER switches on the right side of the base to set the base ringer volume to OFF, LOW or HIGH for each line.

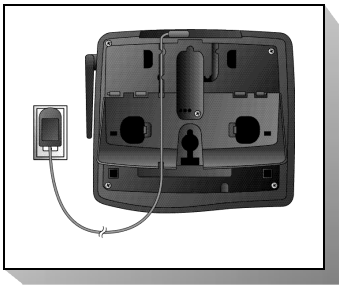
Wall Installation

1 **Reverse the wedge under the base.** Place your fingers in the holes as shown and swing the top of the wedge down.



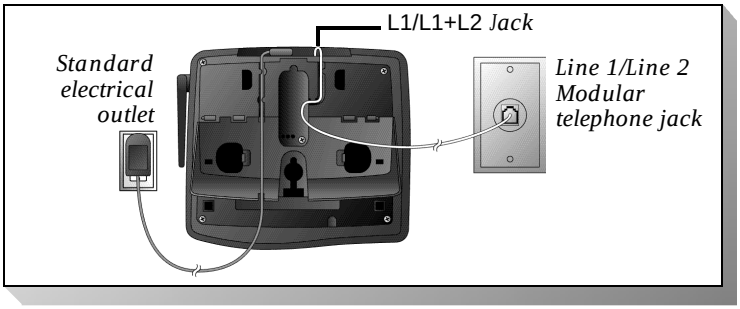
2 **Connect the power cord and place the cord as shown.**

Use only the power cord supplied with this product. If you need a replacement, call 1 800 222–3111.

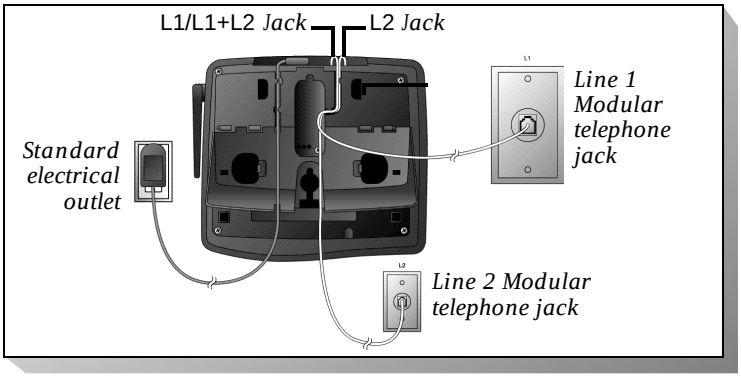


3 **Connect the telephone line cord(s).**

If you have a two-line jack, use only the four-wire (RJ-14) line cord. Connect the line cord from the wall jack to the jack labeled **L1/L1+L2** on the base. Make sure the plugs snap firmly into place.



If you have two separate jacks, use both long line cords. Connect a line cord from the wall jack you wish to designate as your Line 1 to the jack labeled **L1/L1+L2** on the back of the base. Connect the other line cord from the remaining wall jack to the jack labeled **L2** on the back of the base. Make sure the plugs snap firmly into place.

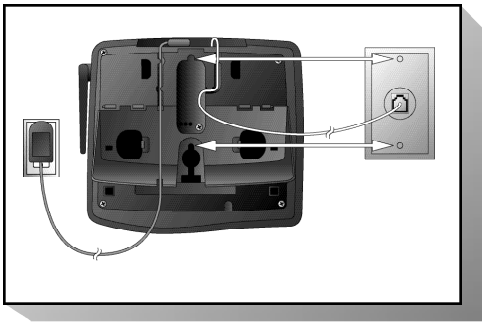


4 Mount base on wall.

a Place power and line cords as shown.

b Align holes on base with mounting studs on wall jack.

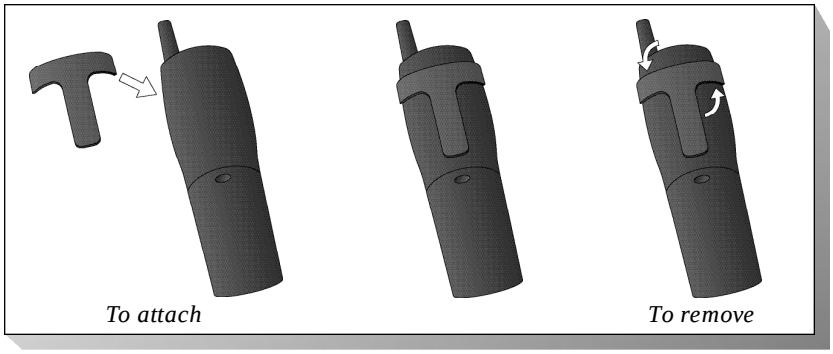
c Pull base down on mounting studs until it locks into place.



5 Follow Steps 3 – 5 in "Table/Desk Installation."

Belt Clip

You may choose to use the optional belt clip with your handset.



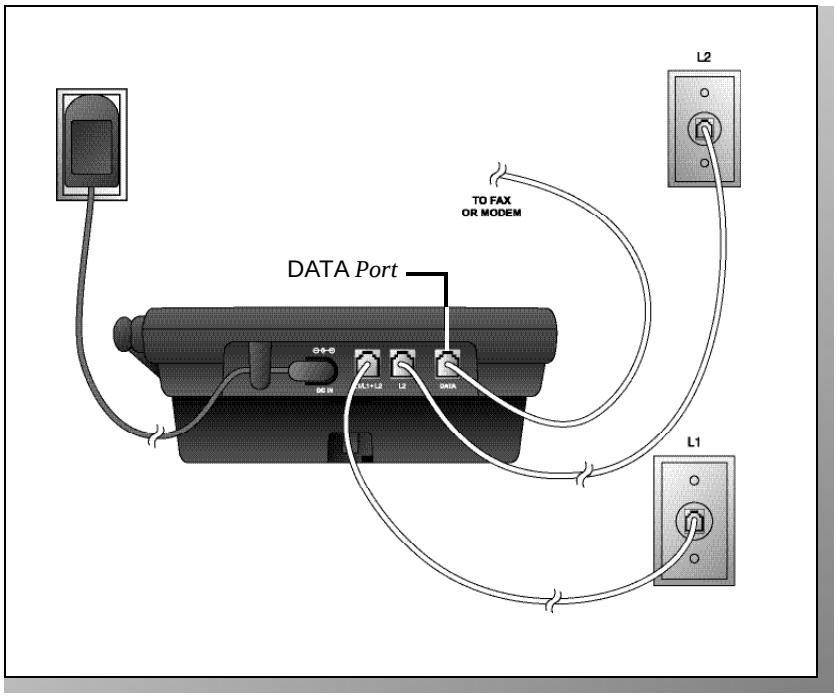
Headset

You can use this telephone hands-free when you install any industry standard 2.5 mm headset (purchased separately). For best results use an AT&T 2.5 mm headset.

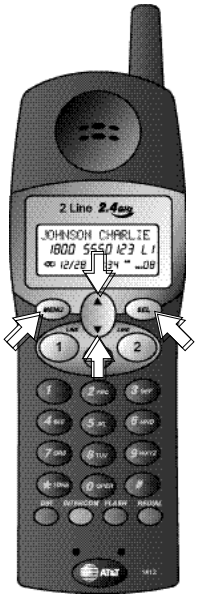
Plug the headset into the jack located on the left side of the handset (under the small rubber flap). Do not force the connection,but make sure the plug fits securely.

Data Port

If you want to connect another device (such as a modem or fax machine) to the wall jack, you can use the jack on the phone labeled **DATA**. A call picked up at another extension may interrupt a fax, modem or message transmission.



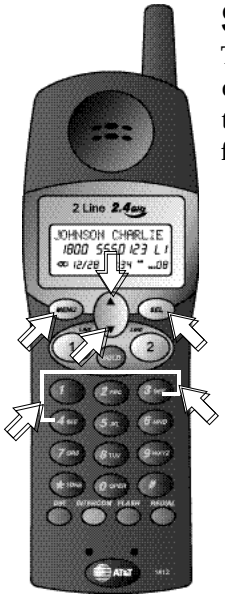
FEATURE SETUP



Feature Setup Menu

Press MENU to enter the Feature Setup Menu. Use ▲ or ▼ to scroll through choices,then press SEL to enter your selection.

Press MENU at any time during Feature Setup to exit Feature Setup and return to the idle screen.



Set Line 1 Ringer

Turn the handset ringer for Line 1 on or off and choose the ringer type when the handset ringer is turned on. The phone comes with the handset ringers for both lines turned on and set to 1.

1 Press MENU. The screen displays

```
LINE1 RINGER
12/28  12:34 AM
```

2 Press SET. The screen displays the current setting and looks similar to

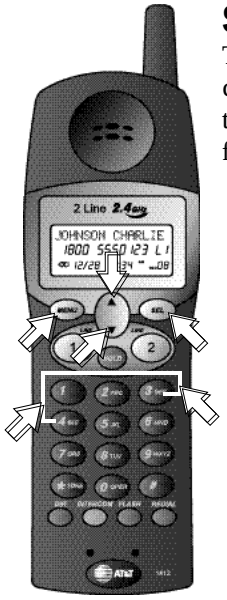
```
RINGER ON: 1
12/28  12:34 AM
```

3 Use ▲ or ▼ to switch between ON and OFF.

4 If you set the Line 1 Ringer to OFF, press SET to save the setting.

— OR —

If you set the Line 1 Ringer to ON, press 1, 2, 3 or 4 on the keypad to hear a sample of each ringer type. When the desired ringer type is displayed,press SET to save the setting.



Set Line 2 Ringer

Turn the handset ringer for Line 2 on or off and choose the ringer type when the handset ringer is turned on. The phone comes with the handset ringers for both lines turned on and set to 1.

1 Press MENU, then press ▼. The screen displays

```
LINE2 RINGER
12/28 12:34 AM
```

2 Press SET. The screen displays the current setting and looks similar to

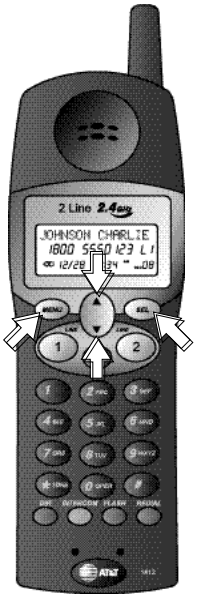
```
RINGER ON: 1
12/28 12:34 AM
```

3 Press ▲ or ▼ to switch between ON and OFF.

4 If you set the Line 2 Ringer to OFF, press SET to save the setting.

— OR —

If you set the Line 2 Ringer to ON, press 1, 2, 3 or 4 on the keypad to hear a sample of each ringer type. When the desired ringer type is displayed, press SET to save the setting.



Set Voice Messages Indicators

If you subscribe to Voice Mail service with your local telephone service provider, you can choose how you want this phone to indicate that you have Voice Mail messages for each line. Choosing VOICEMSG ON or VOICEMSG OFF affects the handset voice messages indicator for that line and the MESSAGES light on the base.Choosing INDICATE OFF will turn off the handset voice messages indicator and the MESSAGES WAITING light on the base will not show messages waiting. The phone comes set to VOICEMSG ON.

1 Press MENU. The screen displays

```
LINE1 RINGER
12/28 12:34 AM
```

2 Press ▲ or ▼ until the screen displays

```
VOICE MESSAGES
12/28 12:34 AM
```

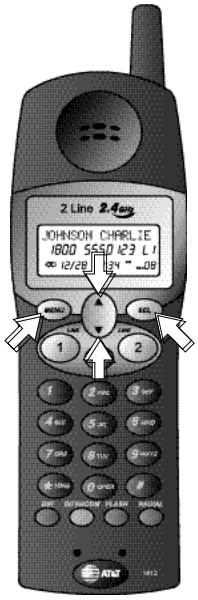
3 Press SEL. The screen displays

```
L1 VOICEMSG ON
12/28 12:34 AM
```

4 Press ▲ or ▼ to scroll through the options.

5 When your desired setting is displayed, press SEL to save the setting.

6 Repeat **Steps 2–5** to set the messages waiting indicators for Line 2.

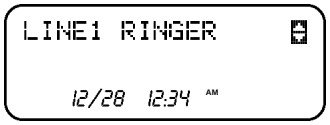


Set Time

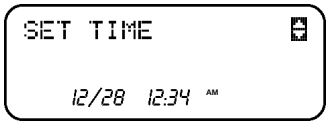
The date and time are automatically set with incoming call information. You can set the clock manually if you wish.

NOTE: After you replace the handset batteries and base AC power, the date and time will be reset to 1/01 12:00AM.

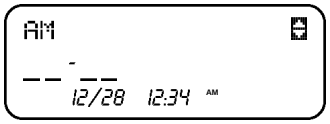
1 Press MENU. The screen displays



2 Press ▲ or ▼ until the screen displays



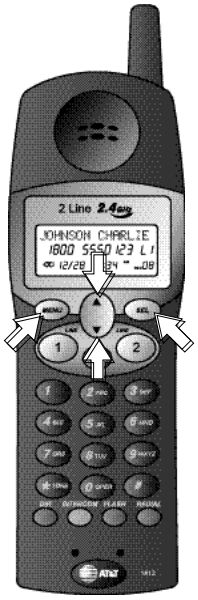
3 Press SET. The screen displays



and the component to be changed blinks.

4 Use the keypad to enter the correct hour and minutes setting. Then use ▲ or ▼ to switch between AM and PM.

5 When the desired time is displayed,press SET to save the new time setting.



Set Date

The date and time are automatically set with incoming call information. You can set the date manually if you wish.

NOTE: After you replace the handset batteries and base AC power, the date and time will be reset to 1/01 12:00AM**.**

1 Press (MENU). The screen displays

```
LINE1 RINGER
    12/28  12:34 AM
```

2 Press ▲ or ▼ until the screen displays

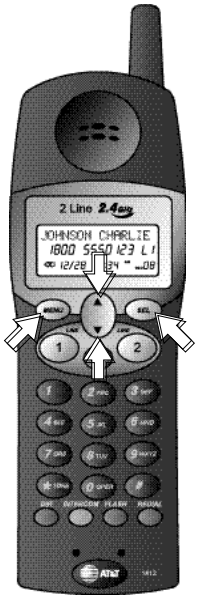
```
SET DATE
    12/28  12:34 AM
```

3 Press (SEL). The screen displays

```
ENTER NEW DATE
__-__
    12/28  12:34 AM
```

4 Use the keypad to enter the correct month and day setting.

5 When the desired date is displayed,press (SEL) to save the setting.



Set Dial Mode

This phone comes set for touch tone (TONE) dialing. If you have dial pulse (rotary) service, you must set the dial mode to PULSE.

1 Press MENU. The screen displays

```
LINE1 RINGER
   12/28  12:34 AM
```

2 Press ▲ or ▼ until the screen displays

```
DIAL MODE
   12/28  12:34 AM
```

3 Press SEL. The screen displays

```
TONE
   12/28  12:34 AM
```

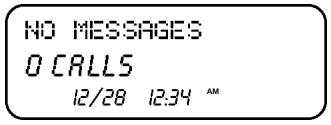
4 Use ▲ or ▼ to switch between TONE and PULSE.

5 When your desired setting is displayed, press SEL to save the setting.

TELEPHONE OPERATION

Idle Screen

When the handset is within range of the base and not on a call or in feature setup mode,the screen displays



Other icons may also be displayed. See “Display Screen Icons” for more information.

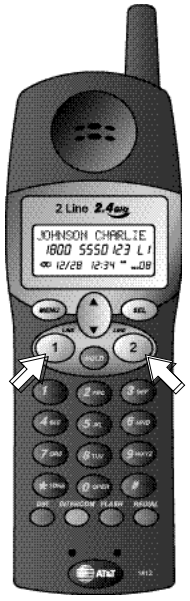
Make a Call

At the handset

1. Press a LINE 1 or LINE 2, then dial the number
   —OR—
   Dial the number, then press a LINE 1 or LINE 2.
2. To end the call,press the LINE button again
   —OR—
   Place the handset in the base.

At the Base

1. Press a LINE 1 or LINE 2, then dial the number. The base speakerphone is automatically activated.
2. To end the call,press the LINE button again.



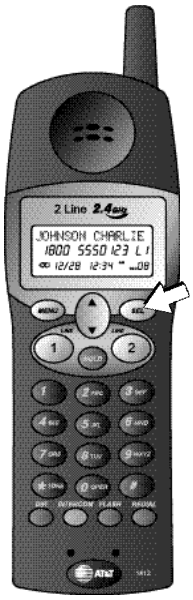
Answer a Call

When you receive an incoming call, a LINE light flashes quickly to indicate which line the caller is using.

1. Press the appropriate LINE button to answer the call. If you are at the base,the speakerphone is automatically activated.
2. To end the call,press the LINE button again

   —OR—

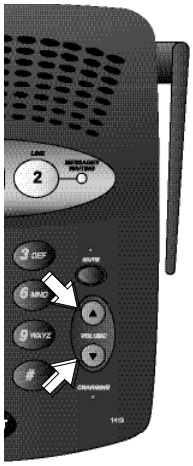
   Place the handset in the base.



Volume

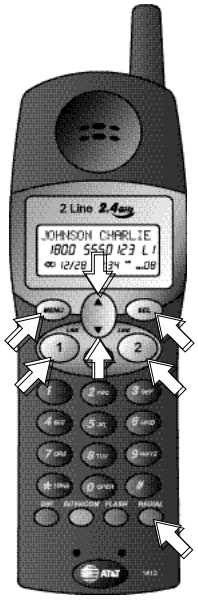
At the Handset

While you are on a call, you can use the key on the right side of the handset to adjust the volume of what you hear. The screen displays VOLUME = and the current volume setting (1–4). Level 4 is the highest setting. Pressing the key cycles through the volume levels continuously.



At the Base

While you are on a call, you can use VOLUME ▲ and VOLUME ▼ on the base to adjust the volume of what you hear through the base speakerphone. There are eight volume level settings. When you reach the maximum or minimum volume setting, you will hear a tone.



Redial

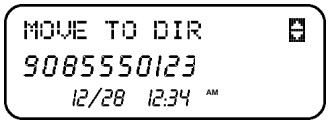
At the Handset

The handset stores the last five numbers dialed from the handset.

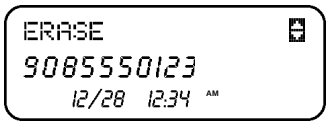
1. Press REDIAL. The screen displays the last number dialed from the handset.
2. Use ▲ or ▼ to scroll through the numbers stored in the redial memory.
3. Press a LINE button. The phone automatically calls the displayed number.

Erase a Number from Handset Redial Memory

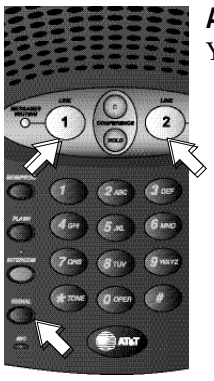
1. Press REDIAL. The screen displays the last number dialed from the handset.
2. Use ▲ or ▼ to scroll through the numbers stored in the redial memory.
3. When the number you want to erase is displayed,press VIEW. The screen displays



4. Press ▼. The screen displays



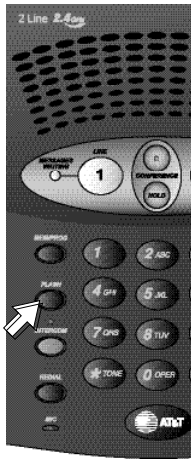
5. Press SET. The number is removed from handset redial memory.



At the Base

You can redial the last number called from the base.

1. Press a LINE button.
2. Press REDIAL. The phone automatically calls the last number dialed at the base.

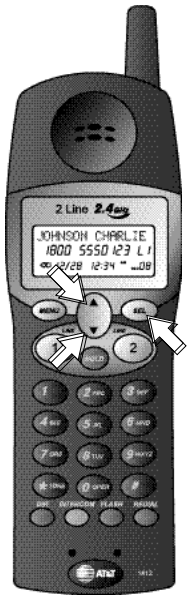


Flash/Call Waiting

If you subscribe to Call Waiting service with your local telephone service provider, you can answer a new incoming call on the same line without losing your current call.

1. When you receive a Call Waiting signal, press FLASH to connect to the new call.
2. Press FLASH again to return to the original call.

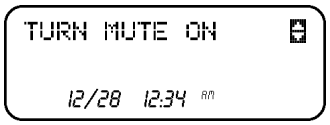
NOTE: Use FLASH to access other phone company subscriber services as described by your provider.



Mute

At the Handset

1 Press ▲ or ▼ until the screen displays

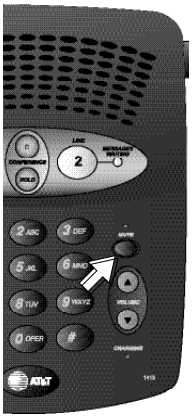


2 Press SET. The other party will not be able to hear you but you will still be able to hear the other party.

To return to two-way conversation:

1 Press ▲ or ▼ until the screen displays

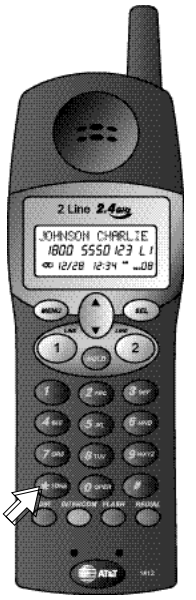
2 Press SET.



At the Base

Press MUTE to prevent the other party from hearing you (you will still be able to hear the other party).

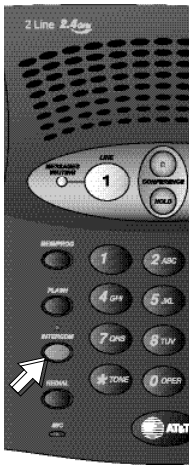
Press MUTE again to return to two-way conversation.



Temporary Tone Dialing

If you have dial pulse (rotary) service, you can change from dial pulse to touch tone dialing during a call.

1. Make the call and wait until it is connected.
2. Press TONE. Keys pressed after this send touch tone signals.
3. After you hang up,the phone automatically returns to dial pulse (rotary) service.



Handset Locator

Page the handset from the base by pressing INTERCOM. The handset will sound the intercom ring tone.

To cancel the page,press INTERCOM again on the base or place the handset in the base. The tone will stop after three minutes if it is not cancelled sooner.

DISPLAY SCREEN MESSAGES (HANDSET ONLY)

SCREEN DISPLAYS:	*WHEN:*
CONNECTING...	The handset is establishing a line connecting through the base.
CONNECT FAILURE	The handset is unable to establish a line connection through the base.
BATTERY LOW	Battery charge is low.
TURN MUTE OFF	The handset microphone is muted.
SCANNING...	The handset is establishing a new line connection.
NEEDS RECHARGING	The battery must be recharged. Place handset in base.
L1 & L2 MESSAGES	You have unreviewed voice mail messages. (You must subscribe to Voice Mail service with your local telephone service provider.)
L1 RING OFF	The Line 1 ringer is off.
L2 RING OFF	The Line 2 ringer is off.
L1+L2 RING OFF	The ringers for Line 1 and Line 2 are off.

DISPLAY SCREEN ICONS (HANDSET ONLY)

THIS ICON:	*INDICATES*
	The battery needs to be recharged.
NEW	This call record has not been reviewed
OLD	This call record has been reviewed

HANDSET LIGHTS

LIGHT	*STATUS*	*MEANS*
LINE	on steadily	This line is in use.
	flashing slowly	This line is on hold.
	flashing quickly	There is an incoming call on this line.

BASE LIGHTS

LIGHT	*STATUS*	*MEANS*
LINE	on steadily	This line is in use.
	flashing slowly	This line is on hold.
	flashing quickly	There is an incoming call on this line.
CHARGING	on steadily	The handset is charging in the base.
	flashing	The handset was just placed in the base.
INTERCOM	on steadily	The base and handset are on an intercom call.
	flashing	The base is making or receiving an intercom call.
MUTE	on	The base microphone is muted.
MESSAGES	flash	You have voice mail waiting for this line. (You must subscribe to Voice Mail service from your local telephone service provider.)
	on	You have a new Caller ID record.

INTERCOM OPERATION

At the Handset

Make an Intercom Call

1. Press INTERCOM. The screen displays CALLING BASE.
2. When someone at the base answers the call the handset screen displays INTERCOM and you can speak with the party at the base.
3. Press INTERCOM at the handset or the base to end the call.

If you make an intercom call while you're already on a phone call,the phone call is automatically placed on hold.

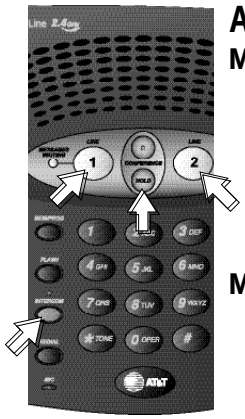
If you try to make an intercom call when the base is on a phone call, you will hear a warning tone and the screen will display BUSY. The intercom call will not be connected.

Answer an Intercom Call

1. Press INTERCOM. The screen displays INTERCOM and you can speak with the party at the base.
2. Press INTERCOM at the handset or the base to end the call.

Answer an Incoming Phone Call While on an Intercom Call

If you are on an intercom call when an incoming phone call is received, you will hear a special ring at the handset,the **LINE** light of the incoming call will flash,and the screen will show caller information as usual. You can answer the call by pressing LINE for the ringing line. The intercom call will automatically end.



At the Base

Make an Intercom Call

1. Press INTERCOM. A paging tone will sound at the handset and base until someone at the handset answers the call.
2. Press INTERCOM at the base or handset to end the call.

Make an Intercom Call While on a Phone Call

1. Press HOLD to place the phone call on hold.
2. Press INTERCOM to signal the handset. Speak with the party at the handset.
3. Press the LINE button of the phone call to return to your original phone call.

If you try to make an intercom call when the handset is on a phone call, you will hear a warning tone to indicate that the intercom call cannot be connected.

Answer an Intercom Call

1. Press INTERCOM.
2. Press INTERCOM at the base or handset to end the call.

Answer an Incoming Phone Call While on an Intercom Call

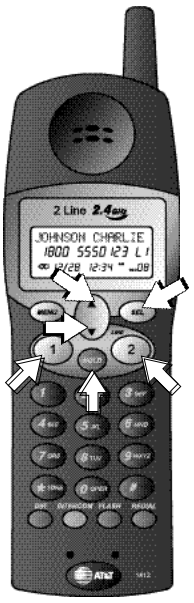
If you are on an intercom call when an incoming phone call is received,the base will sound the intercom tone and the LINE light of the incoming call will flash. You can answer the call by pressing the LINE button of the ringing line. The intercom call will automatically end.

Conference Calls

When the handset or base is on a phone call,someone at the other location can join the call by pressing the appropriate LINE button.

Three-Way Conference Call

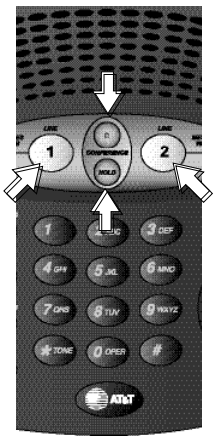
You can also use Lines 1 and 2 to establish a three-way conversation at the handset or base.



At the Handset

1. Press a LINE button and make a call.
2. Once the first call is established,press HOLD to place the call on hold.
3. Press the other LINE button and connect the second call.
4. When the second call is established,press ▲ or ▼ until the screen shows the conference menu.
5. Press SEL to connect both far end parties to the conversation. Both LINE lights will remain lit during the call.

NOTE: You cannot use FLASH during a three-way conference call.



At the Base

1. Press a LINE button and make a call.
2. Once the first call is established,press HOLD to place the call on hold.
3. Press the other LINE button and connect the second call.
4. When the second call is established press CONFERENCE to connect both far end parties to the conversation. Both LINE lights will remain lit during the call.

NOTE: You cannot use FLASH during a three-way conference call.

Four-Way Conference Call

You can connect four parties to a conversation using Lines 1 and 2,the handset and the base.

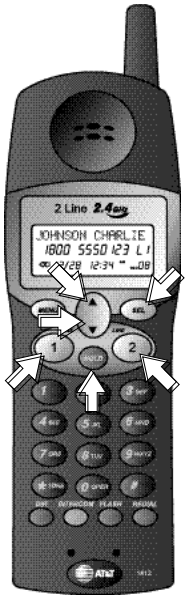
1 Establish a three-way conference call at the handset or base.

2 Once all three parties are connected,the fourth party can press either LINE button at the base or handset not already connected to the call. All four parties will now be able to hear each other.

End a Conference Call

To release one of the outside parties from a conference call,press LINE for the party you wish to keep connected. The other line will be disconnected.

To release the entire conference call,press the LINE buttons on the base and/or handset connected to the call twice.



Place a Conference Call on Hold

While on a conference call,press HOLD on the handset or base. All parties to the conference call are now on hold.

To return to the conference call,press CONFERENCE at the base,or press SEL on the handset when the screen shows the conference menu.

Speak Privately with One Party

You can speak with one party in a conference call without disconnecting the other parties.

1. Press HOLD to place the entire conference call on hold.
2. Press the LINE button for the party you want to speak with privately.

To return to the conference call with all parties,press CONFERENCE at the base

— OR —

Press ▲ or ▼ on the handset until the conference menu appears on screen;then press SEL.

Switch a Conference Call Between Handset and Base

If you place a conference call from one location, you can switch it to the other location without disconnecting the call.

Switch from Handset to Base

1 At the handset,press INTCOM.

2 At the base,press LINE1 or LINE2, then press CONFERENCE twice.

Now, the call is connected at the base and automatically disconnected at the handset.

Switch from Base to Handset

1 At the base,press INTCOM.

2 At the handset,press LINE1 or LINE2 then press INTCOM.

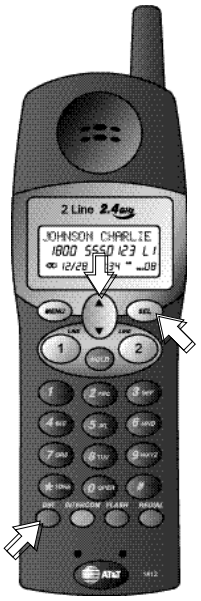
3 Press ▲ or ▼ at the handset until the conference menu appears on screen;then press SEL.

Now, the call is connected at the handset and automatically disconnected at the base.

DIRECTORY

This handset can store up to 50 telephone numbers and names. Each number can be up to 24 digits long and each name can be up to 15 characters long. Entries are stored alphabetically

NOTE: You can exit the Directory at any time by pressing DIR again.



Store a Number and Name in the Directory

1 From the idle screen,press DIR. The screen displays

```
ADD NEW ENTRY
    12/28  12:34 AM
```

(If the directory is empty, the screen displays NO ENTRIES and then the screen above.)

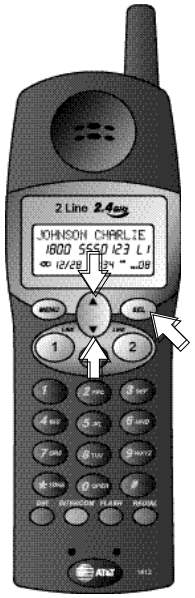
2 Press SET. The screen displays

```
ENTER NUMBER
    12/28  12:34 AM
```

3 Use the keypad to enter the number you want to store.

The screen displays the number on the second line as you enter it. Press ◄ to backspace and delete the previous digit. To enter a pause in the dialing sequence, press and hold the digit just before you want the phone to pause when dialing.

```
ENTER NUMBER
9085550123
    12:34 AM
```



4 Press SEL when you finish entering the number. The screen displays

```
ENTER NAME
9085550123
  12/28  12:34 AM
```

NOTE: Every directory entry must include a number. If you press SEL without entering a number, the screen will not change and you will not be able to enter a name.

5 Use the keypad and the chart on page 37 to enter the name. The screen displays

```
CHARLIE JOHNSON
9085550123
  12/28  12:34 AM
```

To add a space or move to the next position, press ▼. Press ▲ to backspace and delete the previous character.

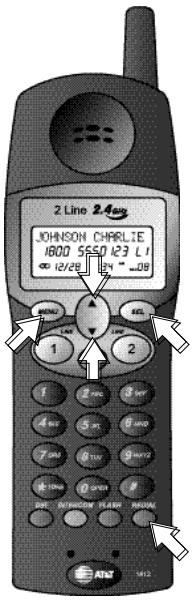
6 Press SEL when you finish entering the name. The screen displays ENTRY ADDED, then

```
NORMAL RING
9085550123
  12/28  12:34 AM
```

NOTE: Every directory entry must include a name. If you press SEL without entering a name, the screen will not change and you will not be able to complete the directory entry.

7 Press ▲ or ▼ to switch between DISTINCTIVE RNG and NORMAL RING. If you want the phone to alert you with a special ring when you receive an incoming call with Caller ID information from this number, set this directory entry to DISTINCTIVE RNG. Choose NORMAL RING if you do not wish to hear the special alert.

8 Press SEL to confirm the ring setting and save the new directory entry.



Store a Number from Handset Redial in the Directory

1. Press REDIAL. The screen displays the last number dialed from the handset.
2. Use ▲ or ▼ to scroll through the numbers stored in the handset redial memory.
3. When the number you want to store in the directory is displayed, press MENU. The screen displays

```
MOVE TO DIR
9085550123
12/28 12:34 AM
```

4. Press SEL. The displayed number is stored in the directory and the screen displays

```
ENTER NAME
9085550123
12/28 12:34 AM
```

5. Use the keypad and the chart on page 37 to enter the name. The screen displays

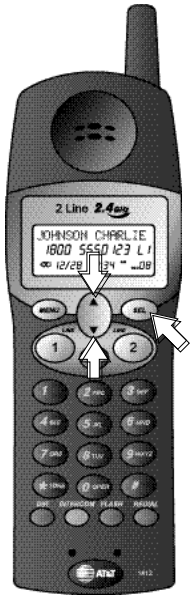
```
CHARLIE JOHNSON
9085550123
12/28 12:34 AM
```

   To add a space or move to the next position, press ▼. Press ▲ to backspace and delete the previous character.

6. Press SEL when you finish entering the name. The screen displays ENTRY ADDED, then

```
NORMAL RING
9085550123
12/28 12:34 AM
```

NOTE: Every directory entry must include a name. If you press SEL without entering a name, the screen will not change and you will not be able to complete the directory entry.

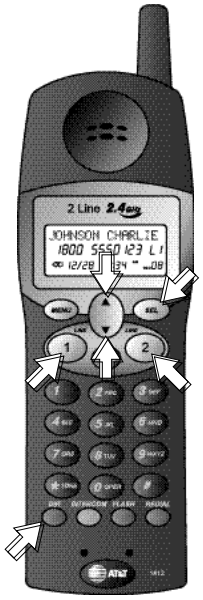


7 Press ▲ or ▼ to switch between DISTINCTIVE RNG and NORMAL RING. If you want the phone to alert you with a special ring when you receive an incoming call with Caller ID information from this number, set this directory entry to DISTINCTIVE RNG. Choose NORMAL RING if you do not wish to hear the special alert.

8 Press SEL to confirm the ring setting and save the new directory entry.

Keypad Characters

Dial Key	Presses 1	2	3	4	5	6
1	1					
2	A	B	C	2		
3	D	E	F	3		
4	G	H	I	4		
5	J	K	L	5		
6	M	N	O	6		
7	P	Q	R	S	7	
8	T	U	V	8		
9	W	X	Y	Z	9	
0	0					
*	*					
#	&	'	,	-	.	#



Dial a Number in the Directory

1 Press DIR. The screen displays

ADD NEW ENTRY

12/28 12:34 AM

2 Press ▲ or ▼ to scroll through the directory entries

— OR —

Press ▼, then enter the first letter of the stored name you want to find. The screen displays the first entry starting with this letter.

3 Continue entering the letters of the name you want to find until the correct directory entry appears on the screen

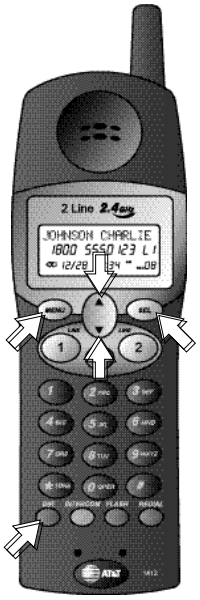
— OR —

Use ▲ or ▼ to scroll through the directory.

4 When the number you want to call is displayed on screen, press LINE for the line you want to use to dial the call. The call is dialed automatically.

— OR —

Press SEL to allow the phone to automatically select a free line and dial the call.



Edit a Number/Name in the Directory

1 Press DIR. The screen displays

```
ADD NEW ENTRY

   12/28  12:34 AM
```

2 Press ▲ or ▼ to scroll through the directory entries

— OR —

Press ▼, then enter the first letter of the stored name you want to find. The screen displays the first entry starting with this letter.

3 Continue entering the letters of the name you want to find until the correct directory entry appears on the screen

— OR —

Use ▲ or ▼ to scroll through the directory.

4 When the entry you want to change is displayed,press MENU. The screen displays

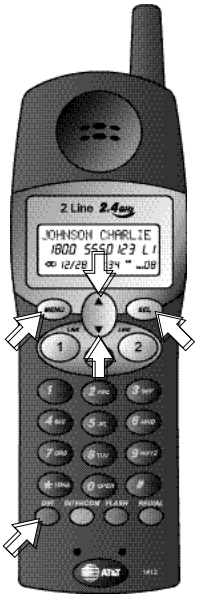
```
DELETE ENTRY
5550123
   12/28  12:34 AM
```

5 Press ▼ until the screen displays EDIT NAME or EDIT NUMBER.

6 Press SEL when the option you wish to choose is displayed.

7 Use the keypad and the chart on page 37 to edit the name or number. To add a space or move to the next position,press ▼. Press ▲ to backspace and delete the previous character. To enter a pause in the dialing sequence,press and hold the digit just before you want the phone to pause while dialing.

8 When you are finished making your changes, press SEL to save the revised entry. The screen displays the revised entry. You can now search for another entry or return to the idle screen by pressing DIR.



Delete a Directory Entry

1. Press DIR.
2. Press ▲ or ▼ to scroll through the directory entries

   — OR —

   Press ▼, then enter the first letter of the stored name you want to find. The screen displays the first entry starting with this letter.
3. Continue entering the letters of the name you want to find until the correct directory entry appears on the screen

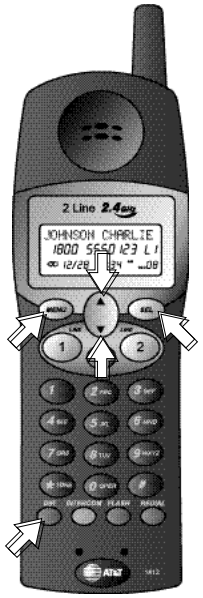
   — OR —

   Use ▲ and ▼ to scroll through the directory.
4. When the entry you want to delete is displayed, press MENU. The screen displays

   DELETE ENTRY
   5550123
   12/28 12:34 AM
5. Press MENU to exit without deleting the entry

   — OR —

   Press SEL to delete the entry. The screen displays the next entry.



Turn Distinctive Ring On/Off

If you want the phone to alert you with a special ring when you receive an incoming call with Caller ID information which matches a specific directory entry, set that directory entry to DISTINCTIVE RNG. Choose NORMAL RING if you do not wish to hear the special alert. If an entry is set for distinctive ringing, D appears next to the entry name on screen.

1 Press DIR. The screen displays

```
ADD NEW ENTRY

   12/28  12:34 AM
```

2 Press ▲ or ▼ to scroll through the directory entries

— OR —

Press ▼, then enter the first letter of the stored name you want to find. The screen displays the first entry starting with this letter.

3 Continue entering the letters of the name you want to find until the correct directory entry appears on the screen

— OR —

Use ▲ or ▼ to scroll through the directory.

4 When the entry you want to change is displayed, press MENU, press ▲ or ▼ until the screen displays.

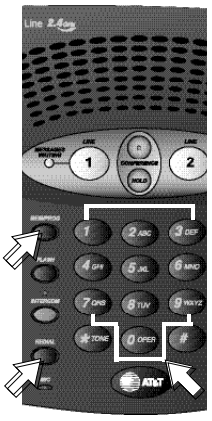
```
CHANGE RING
5550123
   12/28  12:34 AM
```

Then press SEL.

5 Press ▲ or ▼ to switch between DISTINCTIVE RNG and NORMAL RNG.

6 Press SEL to save the ring setting. The screen displays the revised entry.

BASE MEMORY



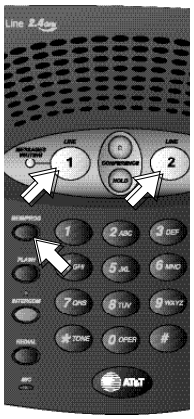
This base can store up to 10 telephone numbers. Each number can be up to 24 digits long.

Store a Number in Base Memory

1. Press and hold MEM/PROG until you hear a beep.
2. Use the keypad to enter the number you want to store

   — OR —

   Enter the last number dialed at the handset by pressing REDIAL.
3. When you are finished entering the number to be stored,press MEM/PROG.
4. Press the key for the location where you want to store the number (1 – 0). The number is now saved. You will hear a confirmation tone.



Dial a Base Memory Number

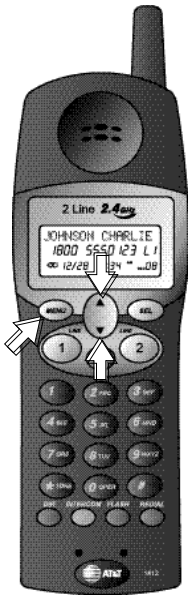
1. Press a LINE button.
2. Press MEM/PROG. Then press the number key of the number you want to dial.
3. The number is automatically dialed.

CALLER ID OPERATION

If you subscribe to Caller ID service with your local phone service provider, this handset stores all incoming calls with valid Caller ID information in call history. Name, number, time and date information can all be stored,if they are sent with the call. The line on which the call was received appears next to the phone number on the screen display (*L1* or *L2*). Calls are automatically stored in the order they are received,with call "1"stored as the oldest call. The call history number appears in the bottom right corner of the screen along with **NEW** for unreviewed or **OLD** for previously reviewed call information.

If an incoming phone number matches the most recent record in call history, the new date and time will replace the older date and time. All other incoming call information which matches a record already in call history will be entered as a *NEW* call.

If Caller ID information has been received you can see a summary of the new calls in call history on the idle screen.



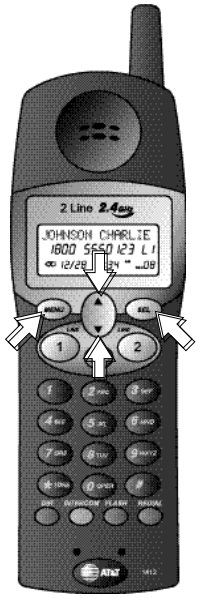
Review Call History

1 From the idle screen press ▲. The screen displays the most recent call record in call history.

If there are no calls in call history, the screen will show 0 CALLS, and return to the idle screen after five seconds.

2 Use ▲ or ▼ to scroll through call history.

3 To exit call history, press and hold VIEW until you hear a tone.

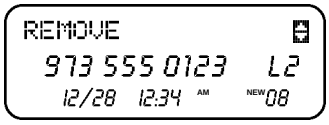


Remove a Call Record

1 From the idle screen press ▲. The screen displays the most recent call record in call history.

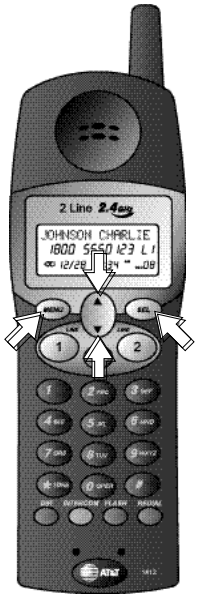
2 Use ▲ or ▼ to scroll through call history and find the record you want to delete.

3 When the record you want to delete is displayed,press MENU. The screen displays



4 Press SEL to delete the displayed call record.

NOTE: To exit without removing the call record, press MENU at any time.



Store a Call Record in the Directory

1 From the idle screen press ▲. The screen displays the most recent call record in call history.

```
JOHNSON CHARLIE
 973 555 0123   L2
 12/28  12:34 AM  NEW 08
```

2 Use ▲ or ▼ to scroll through call history and find the record you want to store in the directory.

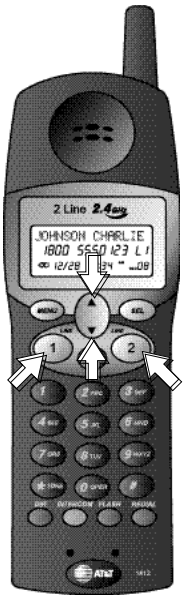
3 When the record you want to store in the directory is displayed,press MENU. The screen displays

```
REMOVE                 ▼
 973 555 0123   L2
 12/28  12:34 AM  NEW 08
```

4 Press ▲ or ▼ until the screen displays

```
MOVE TO DIR            ▼
 973 555 0123   L2
 12/28  12:34 AM  NEW 08
```

5 Press SET three times. The displayed call record is now stored in the handset directory. See DIRECTORY beginning on page 33 for detailed instructions for using the handset directory.



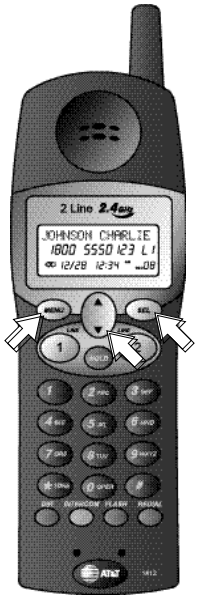
Display Dial

While you are reviewing call history, you can dial a number displayed on the screen.

1 From the idle screen press ▲. The screen displays the most recent record in call history.

2 Use ▲ or ▼ to scroll through call history and find the number you want to call.

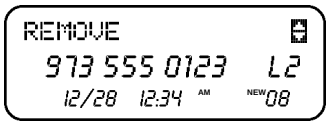
3 When the record for the party you want to call is displayed,press a LINE button. The handset automatically dials the number as it is displayed.



Dialing Options

If necessary, you can change the format of a displayed number so that it will be dialed differently than it appears in call history.

1 When the record for the party you want to call is displayed,press VIEW. The screen displays



2 Press ▼. The screen displays

3 Press SET, then press ▼ until the number appears the way you want to dial it.

For example: (The number is 908 555 1212)

1908 555 1212
555 1212
1 555 1212
908 555 1212

The number of dialing alternates available for each call displayed depends on the format of the original call.

4 When the number is displayed the way you want to dial it,press SET to dial the call.

BATTERIES

Battery Life

Battery life depends on how far the handset is from the base,and other environmental conditions.

NOTE: For optimum performance, charge your handset on the base every night.

Charge the Handset Battery Pack

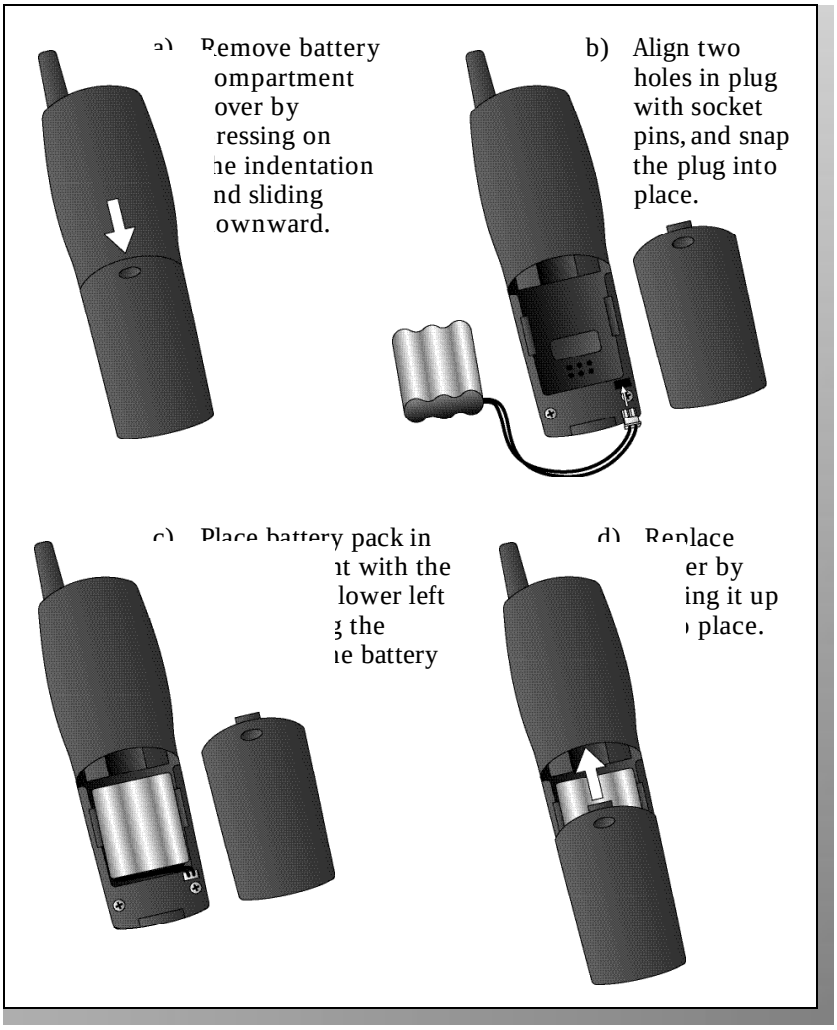
- This battery should remain charged for up to nine days. A fully charged battery provides an average talk time of about nine hours.
- The battery pack needs charging when:
  - The batter icon ( ) flashes.
  - A warning tone sounds,or
  - The screen displays BATTERY LOW or NEEDS RECHARGING when idle.
- Place the handset in the base so the CHARGING light goes on. The battery pack typically charges in eight hours. For best results,the initial charge should be overnight.
- You can keep the battery fully charged by returning the handset to the base after each use.
- If you repeatedly get a low battery indicator, even after eight hours of charging, the battery should be replaced. Use only AT&T Battery 3301,SKU #91076.

CAUTION: Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in the User's Manual, Part 1.

Replace the Handset Battery Pack

1 Install the handset battery.

Use only AT&T Battery 3301,SKU #91076.



2 Charge the handset battery.

Place the handset in the base. Charge the battery overnight the first time. After the first charge, the battery typically fully charges in eight hours.

IN CASE OF DIFFICULTY

If you have difficulty operating this phone,try the suggestions below. For Customer Service,visit our website at ***www.telephones.att.com*** or call 1 800 222–3111. **Please retain your receipt as your proof of purchase**.

PHONE

PROBLEM	*SOLUTION*
If the phone does not work at all, check these items first:	• Make sure the power cord is plugged into the base and an electrical outlet not controlled by a wall switch. • Make sure the telephone line cord is plugged firmly into the base unit and the telephone jack. • Make sure the battery pack is installed correctly.

If the above suggestions do not solve the problem,try re-initializing the handset and base (see "To re-initialize the handset and base").

PROBLEM	*SOLUTION*
If you have no dial tone:	Check all the previous suggestions. If you still do not hear a dial tone, disconnect the phone and try another phone in the same jack. If there is no dial tone on that phone either, the problem is probably in your wiring or local service.

PROBLEM	*SOLUTION*
If you hear a long tone when you try to use the handset:	• The handset and base are not communicating properly. You might be out of range. Move closer to the base and try again. • If moving closer to the base does not help, follow the directions "To re-initialize the handset and base."

PHONE

PROBLEM	*SOLUTION*
To re-initialize the handset and base:	**1** Disconnect the power to the base. **2** Remove the handset battery pack. **3** Wait at least 15 seconds. **4** Insert the handset battery pack. **5** Connect the power to the base.
PROBLEM	***SOLUTION***
If you hear noise or interference when using the phone:	• You may be out of range. Move closer to the base. • Press ▲ or ▼ until the screen displays CHANGE CHANNEL, then press SET. If noise is exceptionally loud,move closer to the base before changing channels. • Household appliances plugged into the same circuit as the base can sometimes cause interference. Try moving the appliance or the base to another outlet. • The layout of your home or office may be limiting the operating range. Try moving the base to another location, preferably on an upper floor. • Using the handset near household appliances (microwaves,computers, televisions,stereos,etc.) can sometimes cause interference. Move away from appliances while using the handset.
PROBLEM	***SOLUTION***
If you hear other calls while using your phone:	• Press ▲ or ▼ until the screen displays CHANGE CHANNEL, then press SET. • Disconnect the base from the modular jack and plug in a corded telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone service company.

PHONE

PROBLEM	*SOLUTION*
If you lose a call after changing channels:	You were probably almost out of range. Move closer to the base before changing channels. Before placing another call, set the handset in the base for at least 15 seconds.
If the phone does not ring when you receive a call:	• Make sure the ringers are on. (See "Set Line 1 Ringer"and "Set Line 2 Ringer"in the FEATURE SETUP section of this manual. • Make sure the telephone line cord is connected firmly to the base and the telephone jack. • Make sure the AC adapter is plugged firmly into an electrical outlet not controlled by a wall switch. • You might be too far from the base;move closer. • You might have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of them.
If your telephone misdials:	• If you have dial pulse (rotary) service, you'll need to set the dial method to PULSE. Follow the instructions under "Set Dial Mode"in the FEATURE SETUP section of this manual. • If you have touch tone service and you hear clicks while you are dialing, you'll need to set the dial method to TONE. Follow the instructions under "Set Dial Mode"in the FEATURE SETUP section of this manual.

PHONE

PROBLEM	*SOLUTION*
If you are unable to operate special telephone services or other equipment requiring touch tone signals:	If you have dial pulse (rotary) service, follow the directions under "Temporary Tone Dialing"in the TELEPHONE OPERATION section of this manual.

CALLER ID

PROBLEM	*SOLUTION*
If the caller's name or phone number is not displayed:	• Make sure you subscribe to Caller ID service from your local telephone company. • Make sure the battery is charged. • Caller ID service might not work when the phone is connected to a Private Branch Exchange (PBX).
PROBLEM	*SOLUTION*
If the caller's name or phone number is not displayed during Call Waiting:	• You should call your service provider to confirm that you subscribe to combined Caller ID with Call Waiting service. • Caller ID information received during Call Waiting is displayed only on the handset that is in use. • Make sure the battery is charged.

DEFAULT SETTINGS

DEFAULT SETTINGS

FUNCTION:	*DEFAULT SETTING:*
Line 1 Ringer	ON:1
Line 2 Ringer	ON:1
Voice Messages	ON
Time	12:00 AM
Date	1/01
Dial Mode	TONE

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Frequency Control	Crystal controlled PLL synthesizer
Transmit Frequency	
Handset	912.75 –917.10 MHz
Base	2411.15 – 2418.40 MHz
Receive Frequency	
Handset	2411.15 – 2418.40 MHz
Base	912.75 – 917.10 MHz
Channels	30 Channels
Normal Effective Range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Size	
Handset (including antenna)	193mm x 60mm x 40.5mm
Base (including antenna)	193.4mm x 172.4mm x 76.8mm
Weight	
Handset	159 grams
Base (excluding battery pack)	536 grams
Power Requirements	
Handset	3.6V 600mAh Ni-Cd Battery Pack
Base	9V DC @ 500mA
Memory	
Base Speed Dial	10 Memory locations 24 digits per location

SPECIFICATIONS ARE TYPICAL AND MAY CHANGE WITHOUT NOTICE.

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